

Material Safety Data Sheet

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ISSUED by Eazy Gleam Products

Mag Wheel Cleaner

Classified as hazardous according to criteria of the GHS

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Mag Wheel Cleaner

Product Code: MW5, MW20, MW205

Product Use: Alloy cleaner for wheels and engines on vehicles, trailers, boats etc.

Company Name

Total Focus Chemicals (ABN 24 710 260 621)

Address

36 Richland Ave, Coopers Plains, QLD 4108

Emergency Tel.

0477 447 999

Telephone Number/Fax

Tel: (07) 3274 2593 Fax: (07) 3277 2450

Other Information

The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, Eazy Gleam Products does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts.

2. HAZARDS IDENTIFICATION

Hazard Classification	Classified as hazardous according to criteria of GHS Dangerous goods according to the Australian Dangerous Goods Code. Corrosive to Metals: Category 1 Eye Damage: Category 1 Skin Damage: Category 1 Acute Inhalation Toxicity: Category 3 Acute Oral Toxicity: Category 3
Signal Word	DANGER
Hazard Statements:	May be corrosive to metals. Toxic if Swallowed. Toxic if inhaled. Causes severe skin burns and eye damage



Precautionary Statements:

Prevention: Keep only in original container.

Do not breathe fumes, mist, vapors or spray.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area. Wear protective gloves, clothing, eye and face protection.

Response: Immediately call a POISON CENTER or doctor. Specific treatment is urgent (see First Aid Measures on this SDS)

IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED Rinse mouth, Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

Absorb spillage to prevent material damage

Storage and Handling: Store locked up in a well-ventilated place. Keep container tightly closed

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Hydrofluoric Acid	7664-39-3	3-5%
Sulfuric Acid	7664-93-9	3-5%
Ethoxylated Alcohol	68131-39-5	<5%

4. FIRST AID MEASURES

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation

Remove the victim from the source of exposure; keep them warm and calm. If unconscious, place them in a suitable position and seek medical attention. Oxygen should be given as soon as possible by a trained first aider. If the victim is not breathing, apply artificial resuscitation. Avoid mouth-to-mouth contact by using CPR barriers such as mouth guards or face shields. Do not administer anything orally.

Ingestion

Do NOT induce vomiting. Rinse the person's mouth with clean water. Give half to one cup of water, milk, or calcium/magnesium-containing antacid for conscious victims.

Call emergency services right away and inform the dispatcher that victim was exposed to hydrofluoric acid.

Skin

Immediately flood the exposed area with large amounts of water. Remove all contaminated clothing, including jewellery, while rinsing.

Use a calcium gluconate gel to massage the skin thoroughly while flushing with water. Never touch the victim without gloves and other protective gear.

Call emergency services right away and inform the dispatcher that victim was exposed to hydrofluoric acid. Continue the application of calcium gluconate gel while waiting for medical services to arrive.

Eye

If wearing contact lenses, remove them. Hold the eyes open, eye lids up and flush with water for at least 15 minutes.

Seek immediate medical attention. Call emergency medical services and apply an ice compress to the eye area while waiting for help to arrive

First Aid Facilities

A safety shower and an eye irrigation facility should be provided. This Safety Data Sheet should be provided to the attending medical doctor.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Product is not flammable. Use appropriate media for adjacent fire. Cool containers with water, keep away from common metals.

Specific Hazards

Emits toxic fumes (hydrogen fluoride gas) under fire conditions. (See also Stability and Reactivity section)

Fire Protection Equipment

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Material can react violently with water (spattering and misting) and react with metals to produce flammable hydrogen gas

Other recommendations

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For exposure control and individual protection measures, see section 8 of this form.

Methods and materials for containment and cleaning up

Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations relating to the handling and disposal of Schedule 7 Poisons.

Environmental protection precautions

Prevent spillage from entering drains. Any release to the environment is subject to federal/national or local reporting requirements for Schedule 7 Poisons

7. HANDLING AND STORAGE

Precautions for Safe Handling

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use

The product is a regulated Poison and should be handled as such.

Conditions for safe storage, including any incompatibilities

Store in accordance with the appropriate legislation. Store in cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities) Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limit (OEL)

Ingredient data

Name	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Hydrofluoric Acid	3 (peak)	2.6 (peak)	no data available	no data available
Sulfuric Acid	No data available	1	no data available	3

Appropriate Engineering Controls

Provide local exhaust. Ensure Emergency eyewash and shower are close by.

Personal Protection



Eye and Face Protection: Wear chemical safety glasses with a face shield for splash protection. Where large quantities are handled and there is danger of splashing, complete eye protection such as goggles is required.

Skin:

For prolonged or repeated contact, use polyvinyl alcohol or nitrile rubber types of gloves. Full body (synthetic) protective clothing as appropriate to the risk of exposure

Inhalation: If local ventilation is inadequate, use an approved respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Appearance: Clear green liquid

Odour: Acrid

Odour threshold: 0.5 - 3ppm

pH: <1

Boiling Point: Not available

Flash Point: Not flammable

Density: 1.02 g/ml

Solubility: Completely miscible in water

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under the recommended handling and storage conditions (see section 7).

Hazardous Decomposition products: In case of fire, dangerous decomposition products can be generated, such as Hydrogen Fluoride gas

Incompatible materials: Keep away from moisture, bases, organic material, metals, glass, ceramics, aluminum, stainless steel, carbonates, cyanides, sulfides. Reacts violently with acetic anhydride, ammonium hydroxide, arsenic trioxide, calcium oxide, potassium permanganate, sodium, sodium hydroxide, sulfuric acid.

11. TOXICOLOGICAL INFORMATION

There is no tested data available on the product. Acute toxicity data for components are as follows:

Hydrofluoric Acid

Skin: No data available

Eyes: No data available

Respiratory: LC50 (rat) 2240-2340 ppm

Ingestion: LD100 (guinea pig) 80mg/kg

Sulphuric Acid

Skin: No data available

Eyes: No data available

Respiratory: LC50 (rat) 0.255mg/L

Ingestion: LD50 (rat) 2140mg/kg

Signs & Symptoms of exposure:

Eyes: Burns, pain, watering eyes

Inhalation: Burning, choking, coughing, wheezing, laryngitis, shortness of breath, headache or nausea.

Skin: Burning, irritation. Effects may not be seen until 24 hours after exposure.

Ingestion: Severe and rapid corrosive burns of the mouth, gullet and gastrointestinal tract, burning, choking, nausea, vomiting and severe pain.

Chronic Toxicity: May cause Fluorosis or hypocalcaemia

Mutagenicity: May cause genetic effects based on animal data.

Embryotoxicity: May cause fetal toxicity based on animal data.

STOT: Liver, Kidneys, Bone

12. ECOLOGICAL INFORMATION

There is no tested data available on the preparation. The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

Predicted to be Harmful to Aquatic Systems due to extremely low pH

13. DISPOSAL CONSIDERATIONS

Mag Wheel is a schedule 7 Poison and as such must comply with strict disposal requirements as per SUSMP and EPA legislation.

Users should review their operations in terms of the applicable regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container or residue

14. TRANSPORT INFORMATION

Transport Information

This material is classified as a 8 Corrosive Substances with a subsidiary risk of Class 6.1 Toxic Substances Dangerous Goods

This product is incompatible in a placard load with any of the following:

- Class 1: Explosives
- Division 4.3: Dangerous when wet Substances
- Division 5.1: Oxidising substances
- Division 5.2: Organic peroxides
- Class 7: Radioactive materials unless specifically exempted

and are incompatible with food and food packaging in any quantity.

Strong acids must not be loaded in the same freight container or on the same vehicle with strong alkalis. Packing Group I and II acids and alkalis should be considered as strong

U.N. Number: 1786

U.N Proper Shipping Name: Hydrofluoric Acid and Sulphuric Acid Mixture

Packing Group: I

Haz Chem: 2W

IERG Number:

15. REGULATORY INFORMATION

Regulatory Information

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) incl regulations, Australia

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule

S7

16. OTHER INFORMATION

References:

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals

Contact Person/Point

Technical Manager 0477 447 999

Other Information:

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product

...End of SDS...

